Diploma in Information Technology in Software Development

Module: Open Source Coding

OPSC6312

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POE

Github link: https://github.com/ST10392005/Careermate
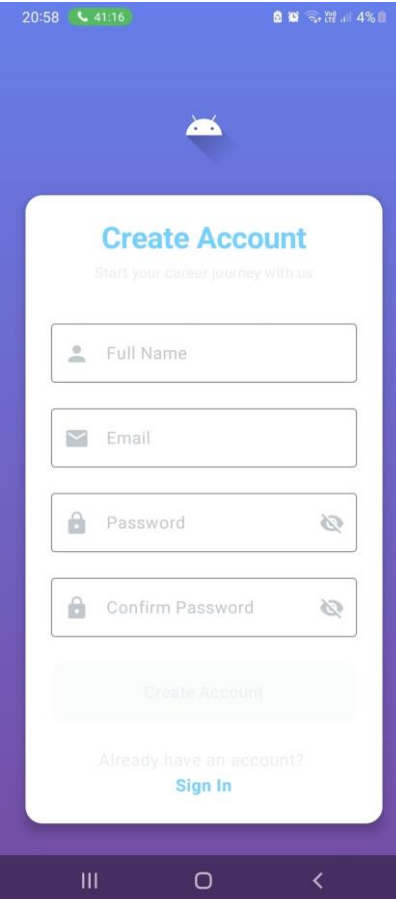
CareerMate is like a smart career coach that helps you with two important parts of getting a job: creating a great resume and preparing for interviews. It checks your resume for common problems like formatting errors or missing keywords and helps you improve it. Then, it lets you practice interviews with personalized questions and tips, so you can build confidence and improve your answers. To keep things motivated, you can earn fun badges like "CV Polished" when you reach important goals. By guiding you, letting you practice, and rewarding your progress, CareerMate helps you feel more prepared and confident as you apply for jobs.

Analysis of Application Modules

Authentication, The initial user interaction begins with an authentication gateway. The interface presents a standard email and password login form, with a clear call-to-action for new users to "Sign Up." This access point is designed for low friction, allowing returning users to quickly resume their "career journey," a phrase that frames the app's purpose in a motivational context.

CareerMate's dashboard serves as a centralized and intuitive launchpad, welcoming users with personalized motivation before immediately presenting three core action cards—Upload Resume, Job Analysis, and Progress Tracker—that streamline the essential job-seeking workflow from profile building and targeted application strategy to organized tracking, all while the Recent Activity section prepares to offer dynamic updates, creating a cohesive and guided user experience that effectively consolidates key career management tasks into a single, accessible overview.
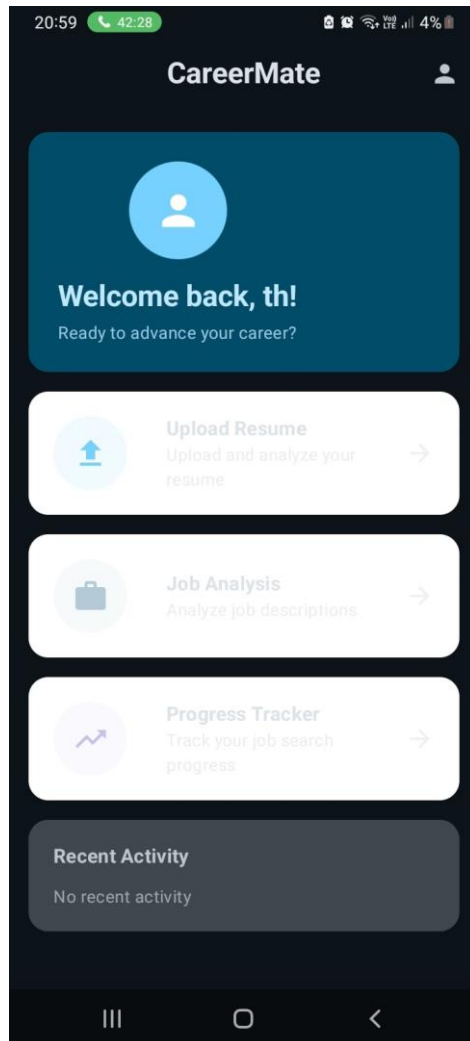

This part of CareerMate depicts the dedicated "Upload Resume" screen. The interface is minimal, instructing users to "Tap to select resume" and explicitly stating supported file formats (PDF, DOC, DOCX). The "Upload & Analyze" button indicates that the application does not merely store the document but performs a computational analysis, likely for skills extraction or compatibility scoring with job descriptions.
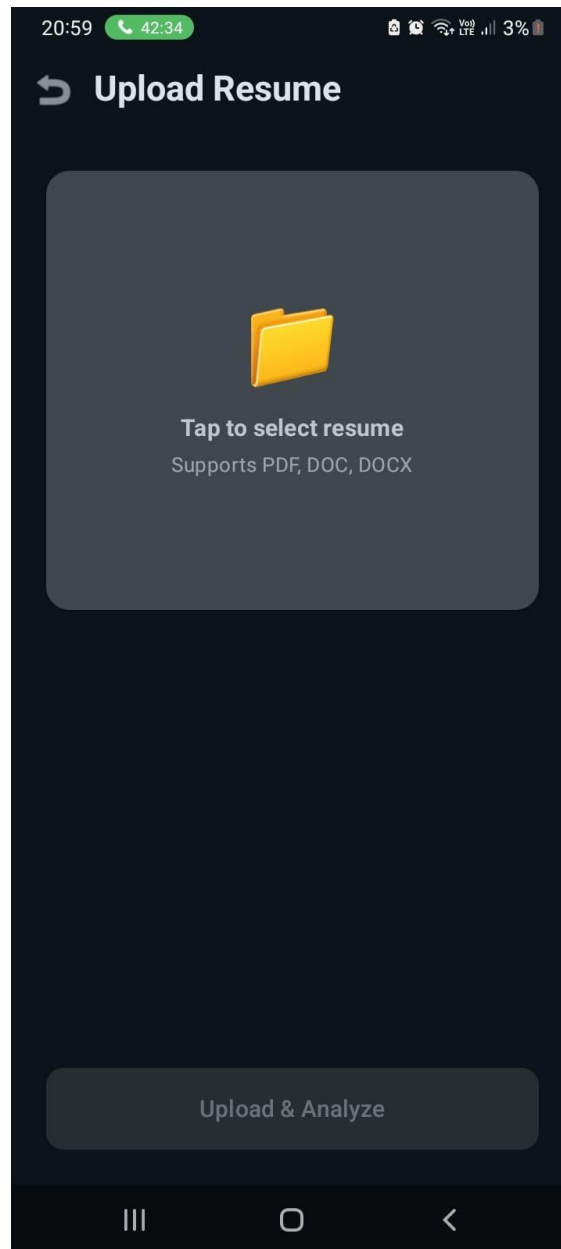
Progress Tracking and Gamification, a significant UX element is the "Progress Tracker". This screen employs data visualization and gamification principles to enhance user motivation. The prominent "62% Complete" metric and the accompanying encouragement ("Keep going!") are designed to foster continued engagement. Progress is broken down into four quantifiable sub-tasks:

- **Resume Upload (100%):** A completed, foundational task.
- **Profile Completion (80%):** An ongoing task encouraging detailed profile building.

- **Skills Assessment (60%):** An interactive module prompting users to validate their competencies.
- **Job Applications (0%):** The goal, whose completion is dependent on the prior steps.
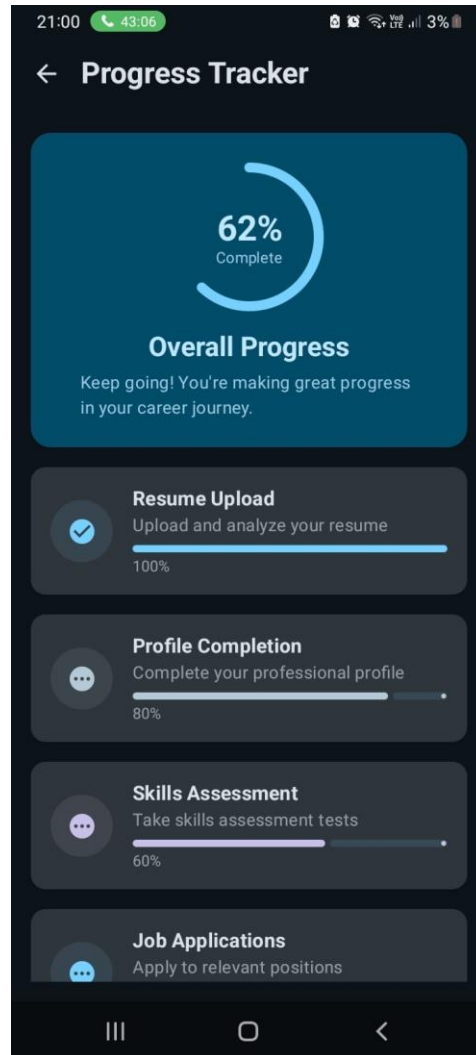
 The application provides a "Settings" menu. The screen is organized, listing the user's name and email at the top. The options, such as "Language," "Dark Mode," "Notifications," "Privacy," and "Storage," demonstrate a commitment to user agency and accessibility. The inclusion of "Manage offline storage" suggests that the app supports functionality without a persistent network connection. The "Logout" option is strategically placed at the bottom, separated for clarity and to prevent accidental activation.
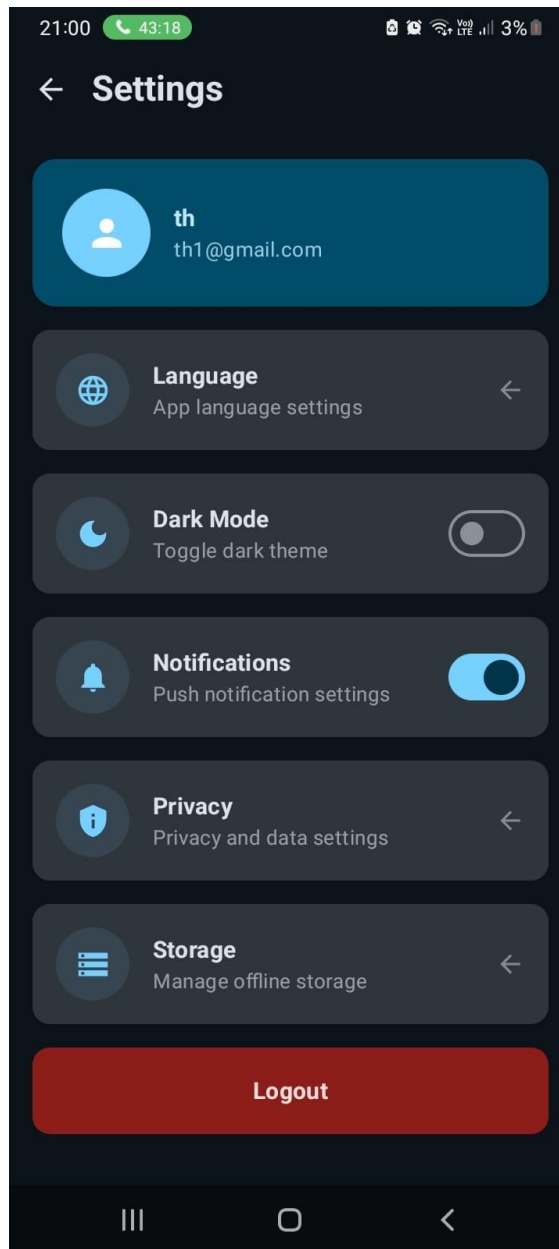
System Interface appears to be a native operating system menu (likely from a device's language or output settings), triggered by the app's "Language" or "Media output" settings. The presence of "Afrikaans" indicates the app's integration with the device's services, allowing users to select their preferred language from a system-level list.
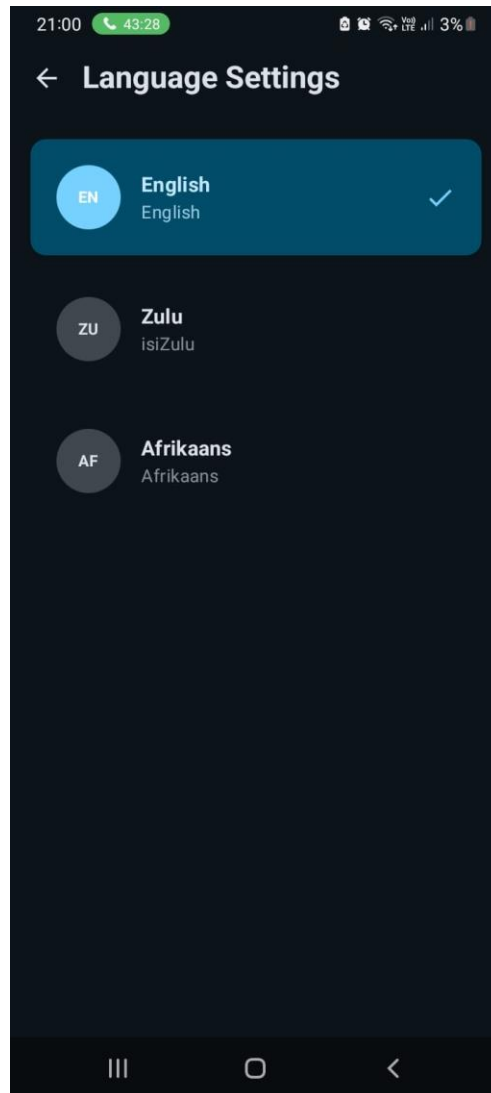
CareerMate is a well-designed app that brings all aspects of job hunting—like resume building, applications, and tracking—into one easy-to-use platform. It guides users with a personalized dashboard, tracks progress in a motivating way and puts them in control of their search. By organizing the process into clear steps and offering encouraging feedback, CareerMate acts as a supportive digital coach, turning career advancement into a structured and less overwhelming experience.

References

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